



PUBLIC NOTICE

File Number: NRS 14.083

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Greg McClain – City Manager
City of Maryville
404 West Broadway Avenue
Maryville, TN 37801
865-273-3401

LOCATION: Foch Street over Dunlap Branch,
Maryville, Blount County
Latitude 35.7565, Longitude -83.9887

PROJECT DESCRIPTION: This applicant proposes roadway, drainage and utility improvements incorporating FEMA 'no rise' requirements on the segment of Foch Street between Hoover Street and Watkins Road. The proposed activities consist of the replacement of an existing 42-inch wide by 20 foot long culvert with a 36 foot wide by 68 foot long metal box arch culvert, the installation of one gravity sewer line crossing, one water line crossing and, the relocation of approximately 157 linear of Dunlap Branch (AKA Brown Branch). To accomplish the proposed improvements, the applicant proposes to temporarily divert an approximately 225 linear foot segment of Dunlap Branch around the work area, complete the proposed activities and then permanently relocate a total of 157 linear feet of Dunlap Branch into a newly created channel upstream and downstream of the culvert. The created channel bed and banks will be stabilized and the banks planted with appropriate vegetation prior to diversion.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: Dunlap Branch is an urban stream flowing through heavily urbanized and developed areas and is subject to highly variable and intense flow patterns. Dunlap Branch flows into Pistol Creek, which is part of the Ft. Loudon/Little River Watershed. This watershed encompasses portions of 4 counties and drains approximately 638 square miles. For more information on this watershed please visit <http://www.state.tn.us/environment/water/watersheds/fort-loudoun-lake.shtml>

Stream Name / ID #: Dunlap Branch (TN06010201026_0420)
Ecoregion: Southern Shale Valleys (67g)
Stream Dimension: Channel bottom width: approximately 10 feet
Chanel top width: approximately 20 feet
Water depth: approximately 2 – 3 feet
Bank height: approximately 1 - 2 feet

Substrate: Alluvial deposits – silty soil and small gravel

Designated Use	Use Support	Causes
Fish and aquatic life	Not supporting	Discharges from Municipal Separate Storm Sewer Systems (MS4), Site Clearance (Land Development or Redevelopment
Recreation	Not supporting	Discharges from Municipal Separate Storm Sewer Systems (MS4), Site Clearance (Land Development or Redevelopment
Irrigation	Fully supporting	
Livestock watering & wildlife	Fully supporting	

Assessment Date: 2009

PERMIT COORDINATOR: Mark Jordan

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

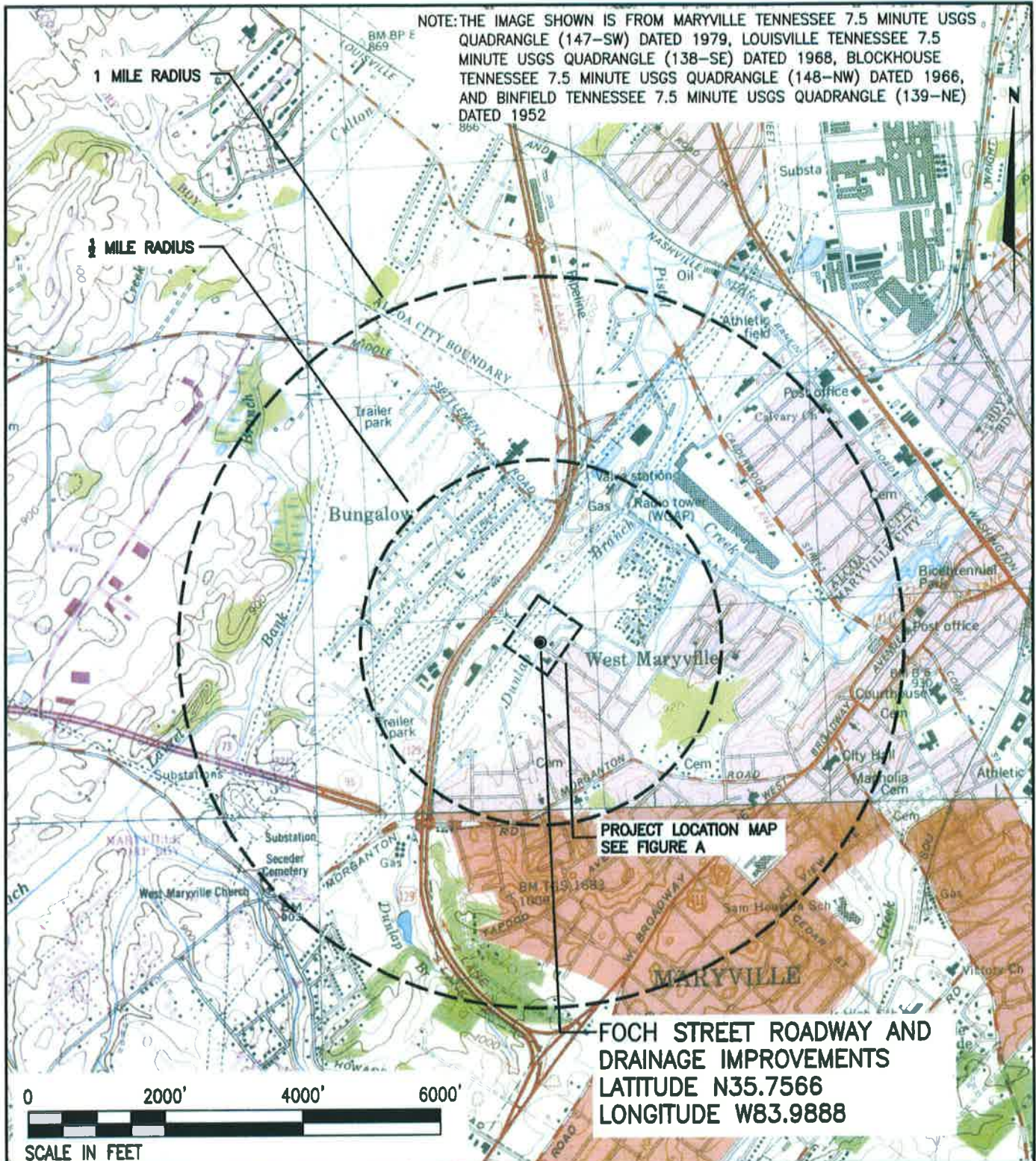
COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243



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Suite 202
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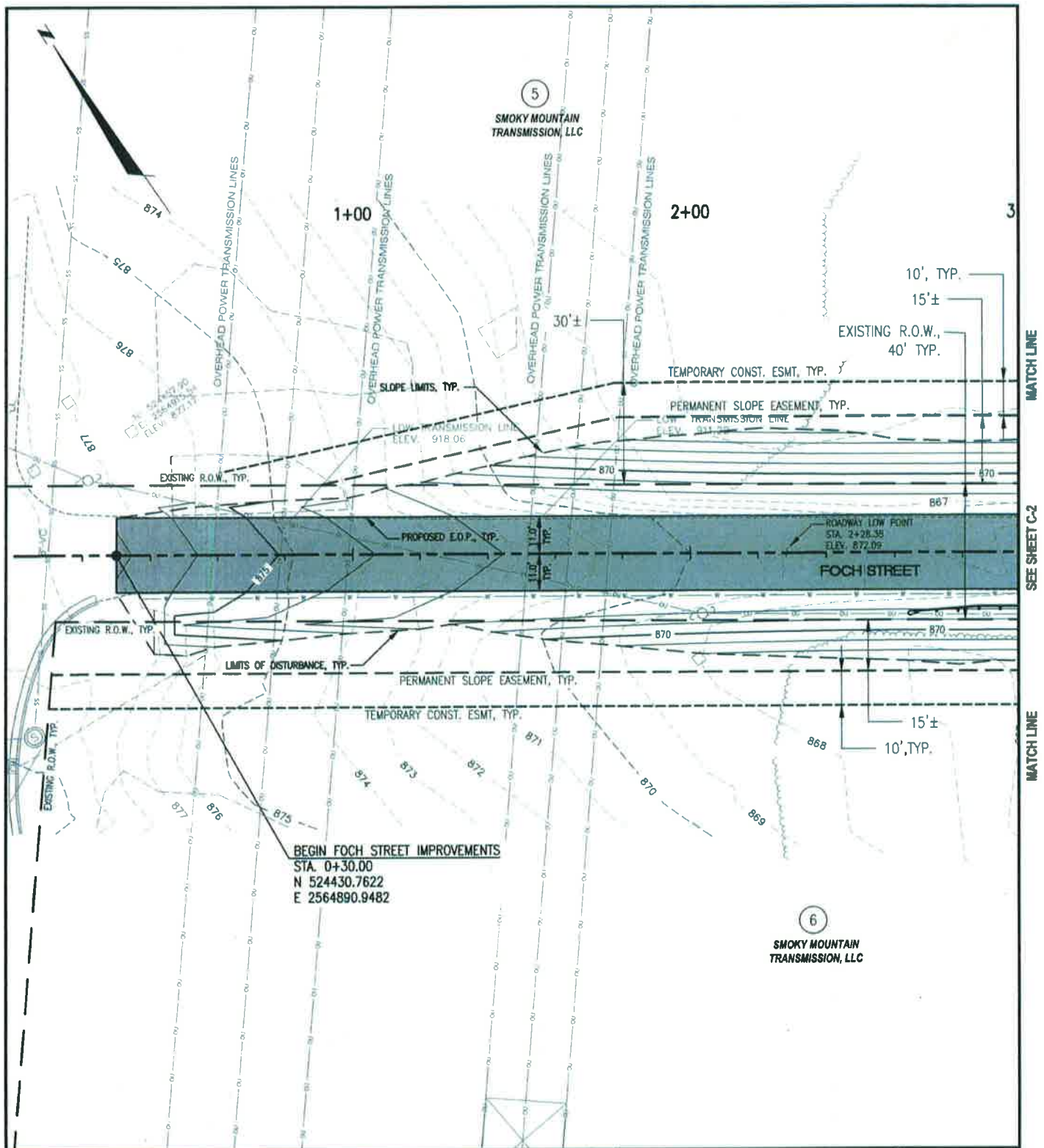


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FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
7.5 MINUTE QUADRANGLE MAP

FIGURE

B



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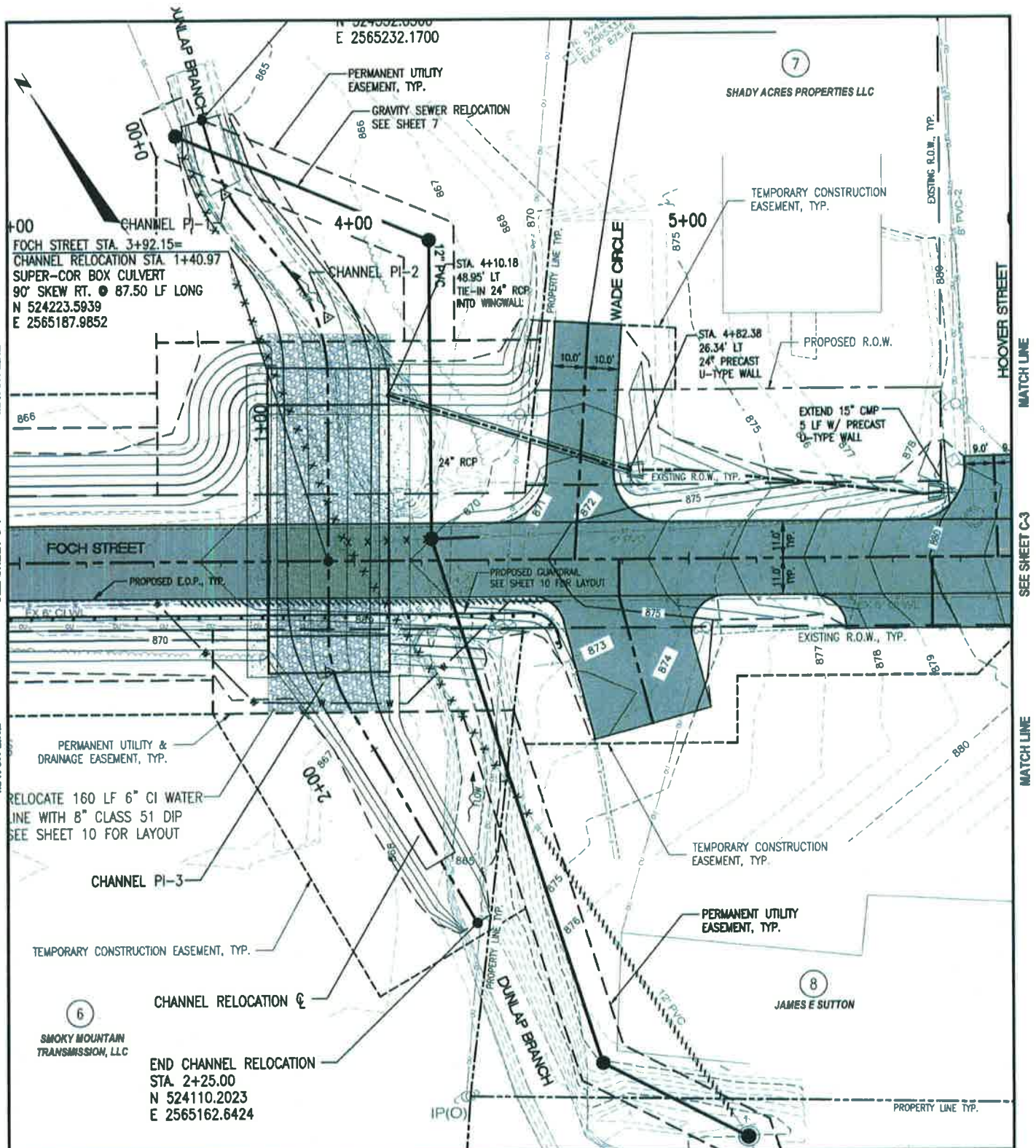
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FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
PLAN LAYOUT (SHEET 1 OF 3)

FIGURE

C-1



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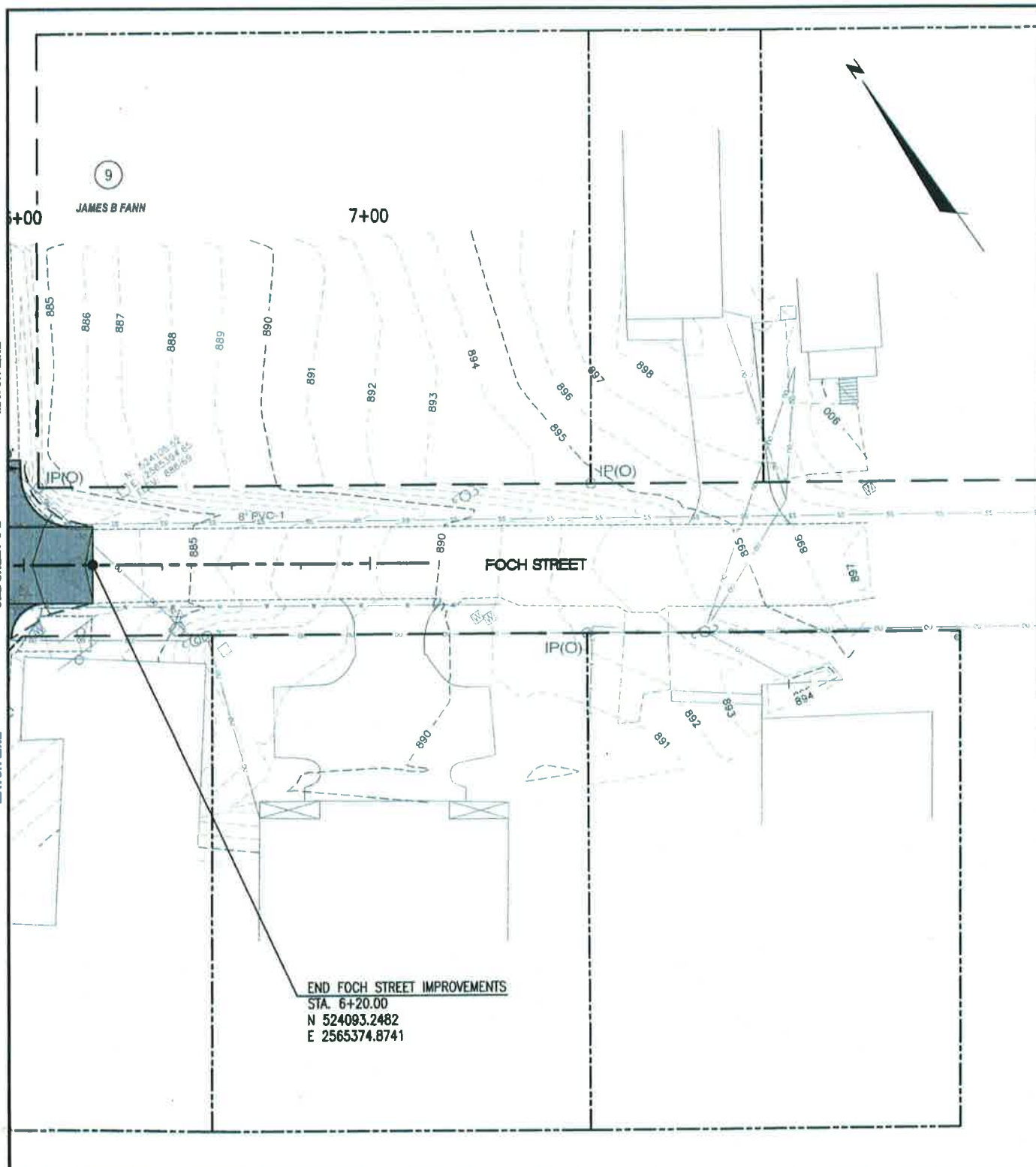


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0 20' 40' 60'
 SCALE IN FEET

FOCH STREET
 ROADWAY & DRAINAGE IMPROVEMENTS
 PLAN LAYOUT (SHEET 2 OF 3)

FIGURE
C-2



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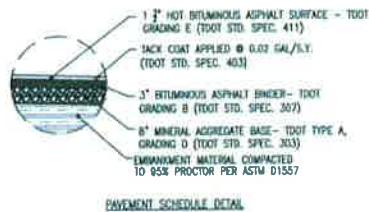
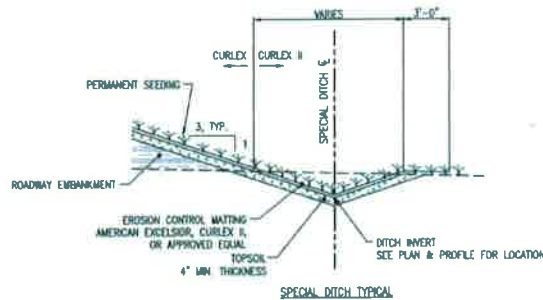
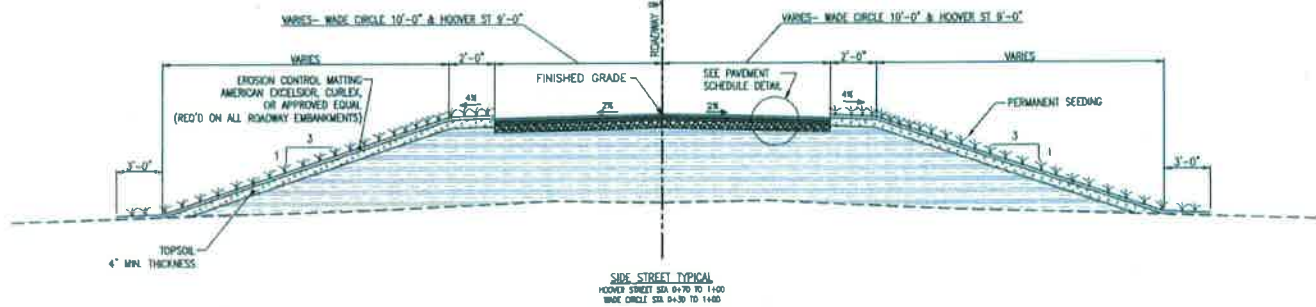
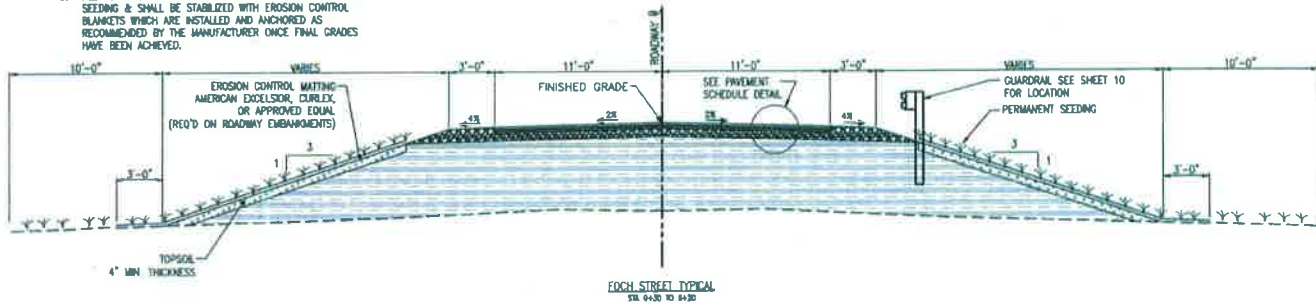
FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
PLAN LAYOUT (SHEET 3 OF 3)

FIGURE

C-3

NOTE:

1. ALL PAVEMENT AREAS WITHIN LIMITS OF THE ROADWAY EMBANKMENT SHALL BE SCARIFIED AND OBLITERATED.
2. ALL NON-PAVEMENT AREAS WITHIN LIMITS OF ROADWAY EMBANKMENT SHALL BE CLEARED & GRUBBED, STRIPPED TO A MINIMUM DEPTH OF 6 INCHES AND RE-COMPACTED TO 95% PROCTOR PER ASTM D1557 BEFORE EMBANKMENT MATERIAL IS TO BE PLACED.
3. ALL ROADWAY EMBANKMENTS SHALL BE RECEIVE PERMANENT SEEDING & SHALL BE STABILIZED WITH EROSION CONTROL BLANKETS WHICH ARE INSTALLED AND ANCHORED AS RECOMMENDED BY THE MANUFACTURER ONCE FINAL GRADES HAVE BEEN ACHIEVED.



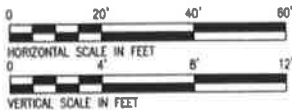
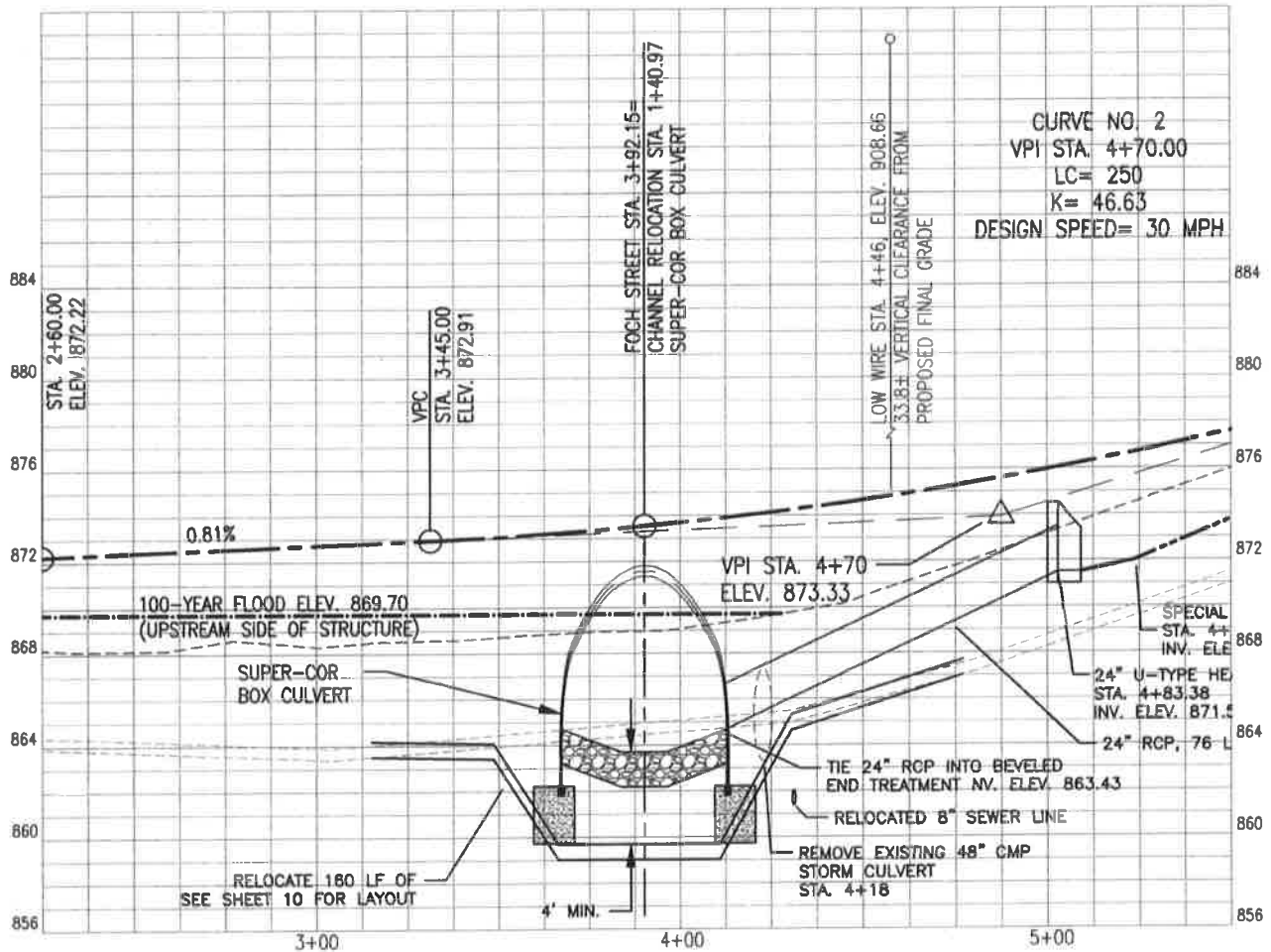
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FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
FOCH STREET ROADWAY TYPICALS

FIGURE
D



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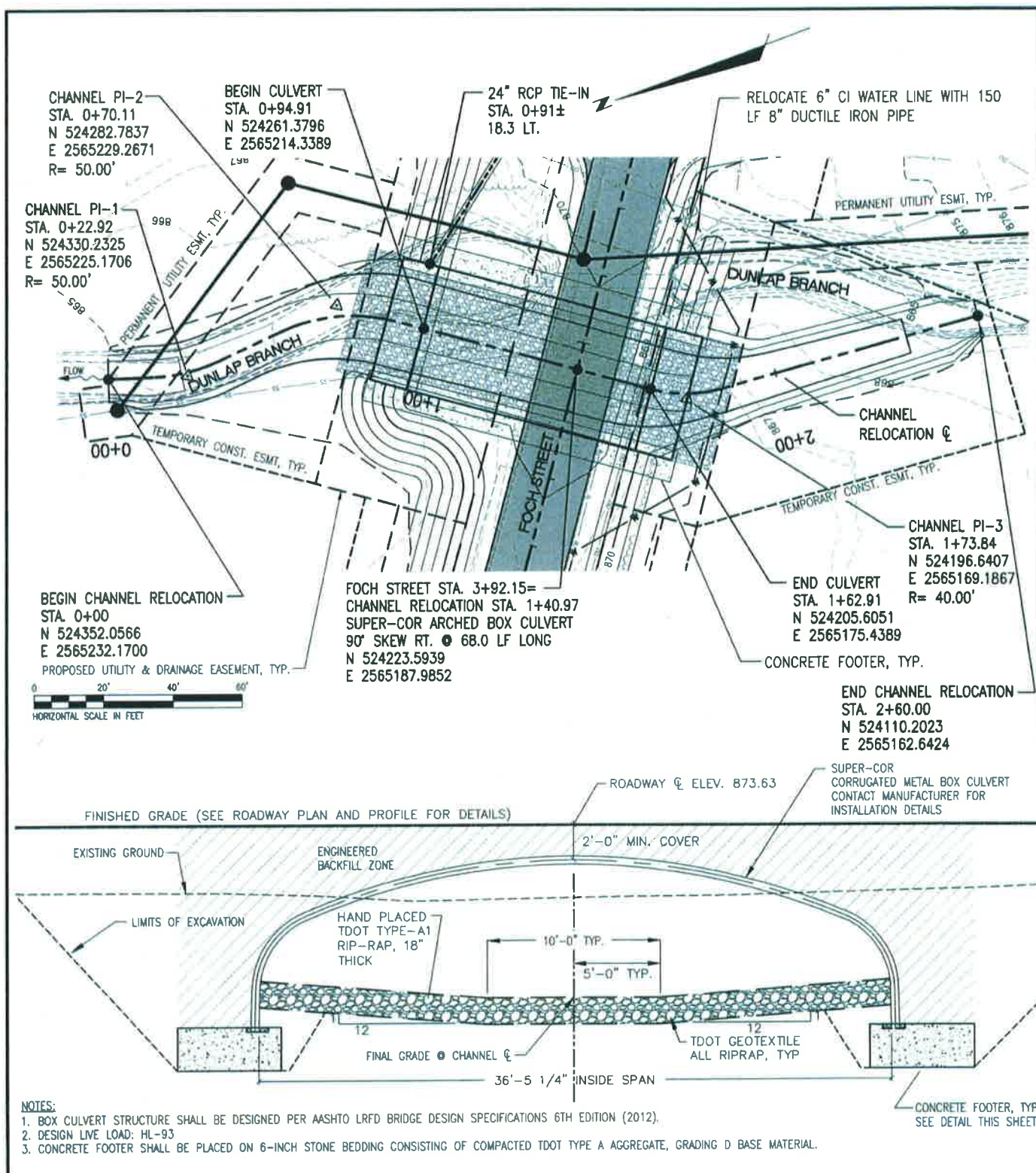


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FUCH STREET
 ROADWAY & DRAINAGE IMPROVEMENTS
 FUCH STREET ROADWAY PROFILE

FIGURE

E



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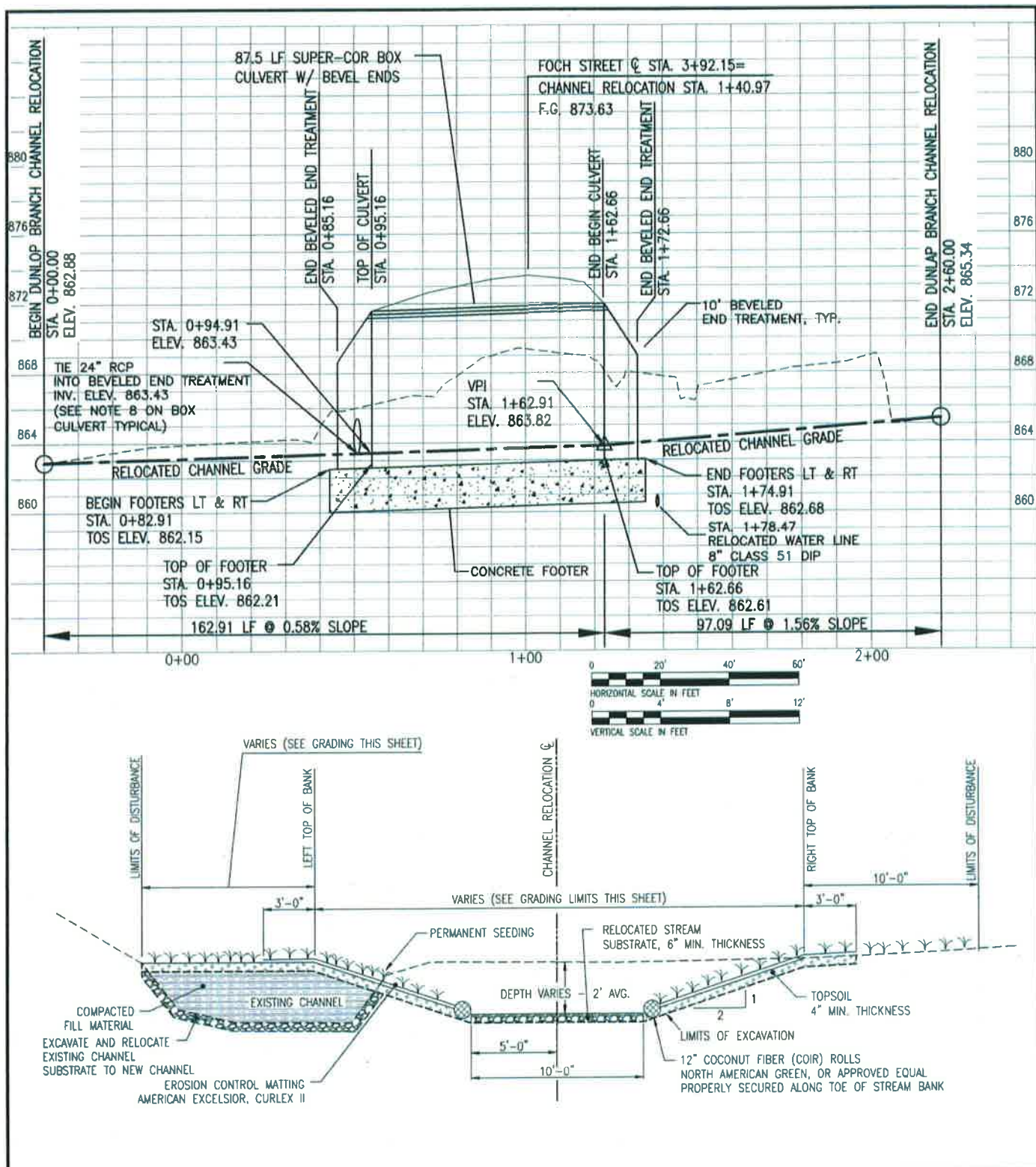


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FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
CHANNEL RELOCATION LAYOUT
AND ARCH BOX CULVERT TYPICAL

FIGURE

F



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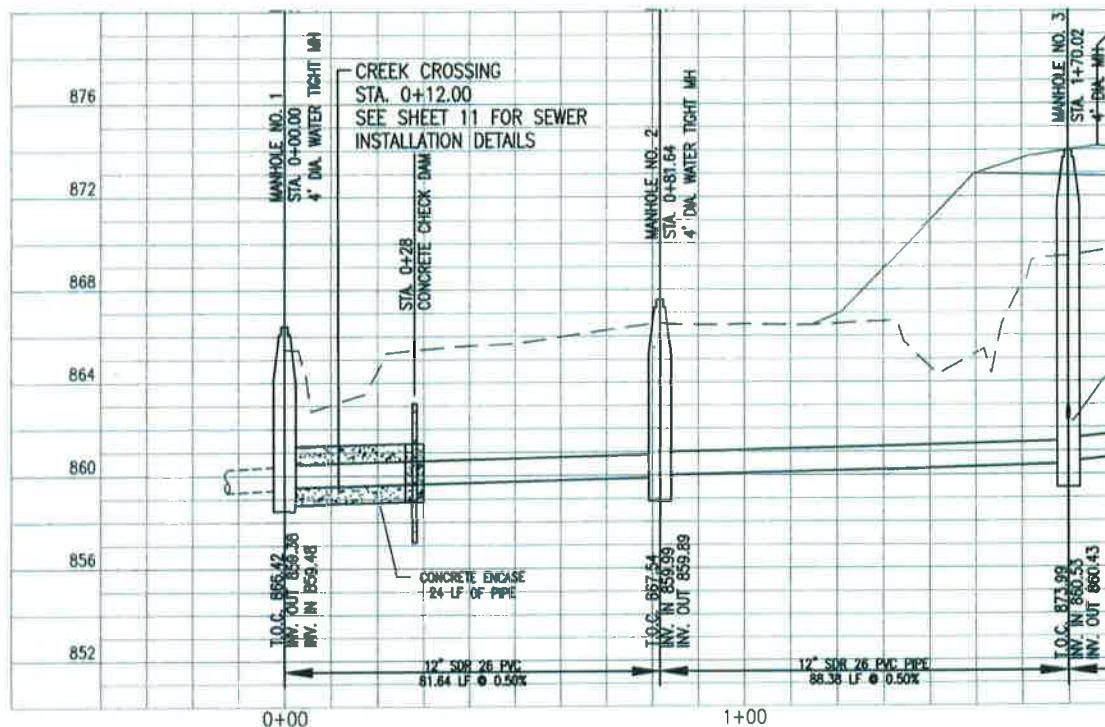
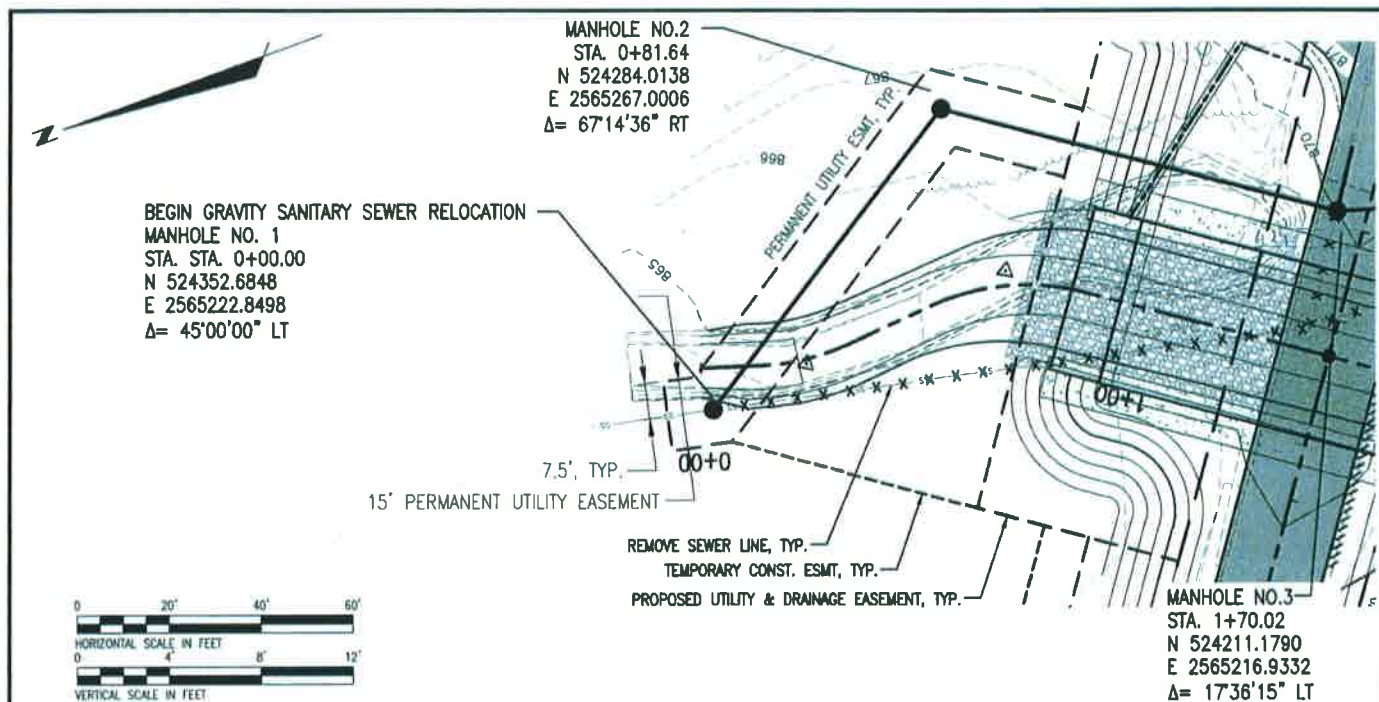


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FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
CHANNEL RELOCATION PROFILE
AND TYPICAL

FIGURE

G



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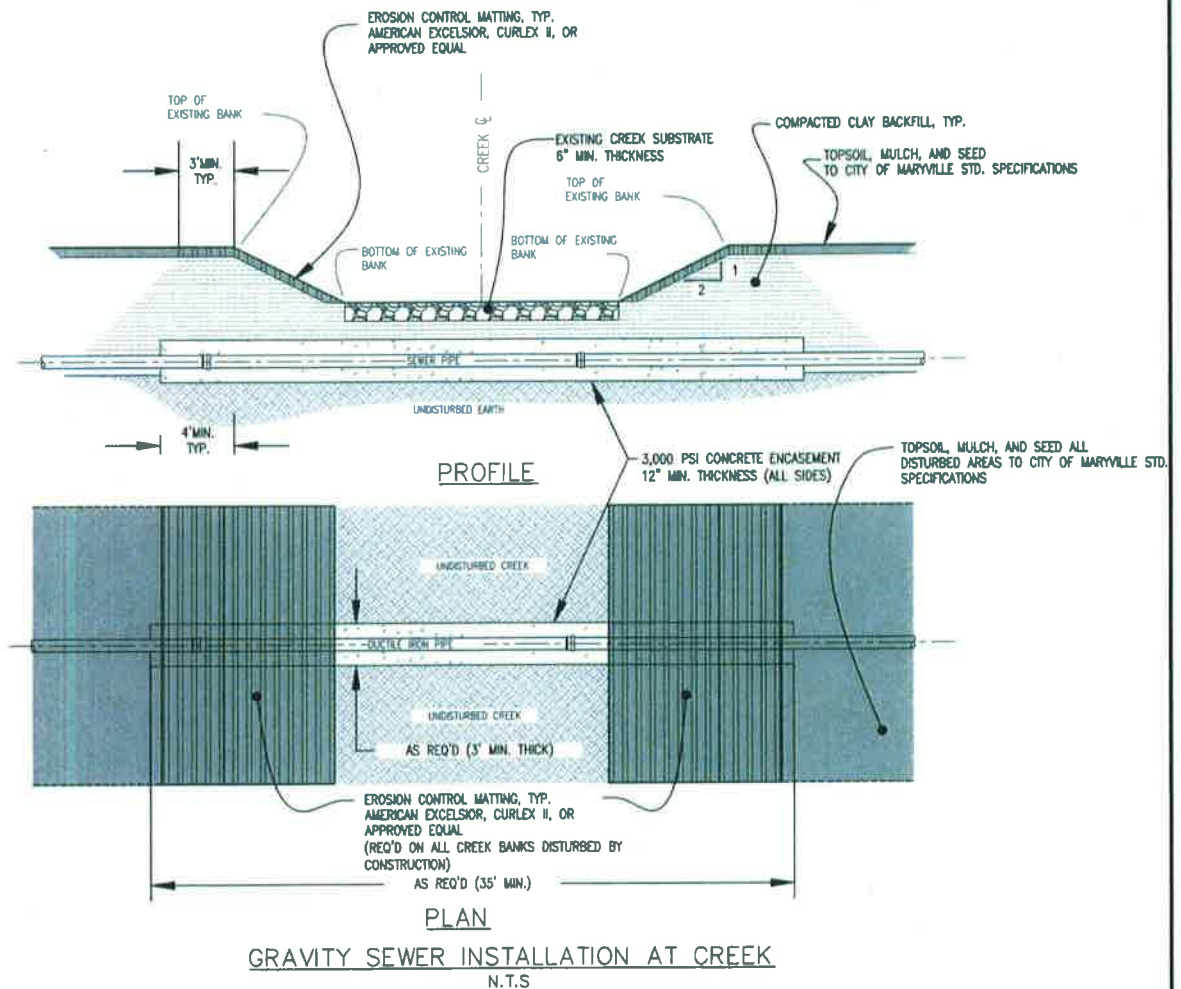


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FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
GRAVITY SANITARY SEWER
PLAN AND PROFILE

FIGURE

H



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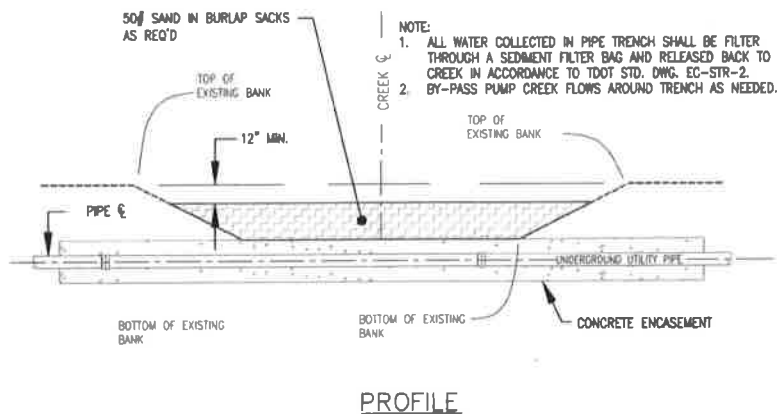
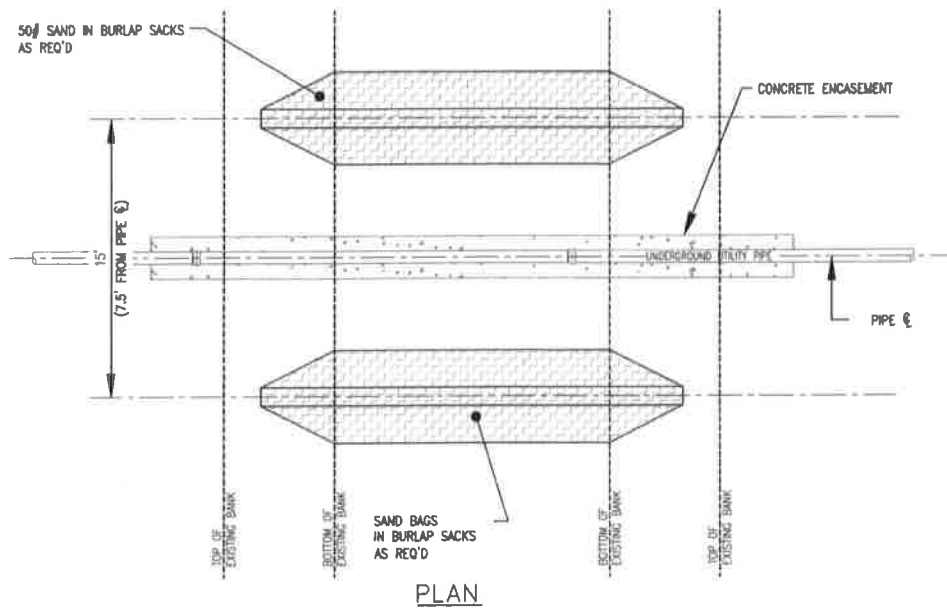


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FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
GRAVITY SANITARY SEWER
CREEK CROSSING DETAIL

FIGURE

I-1



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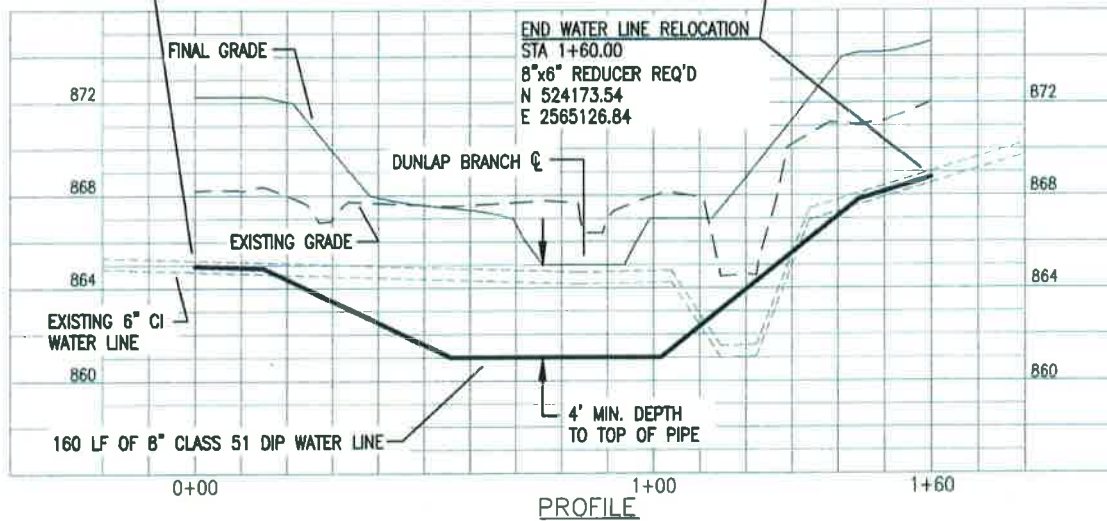
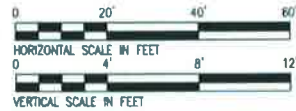
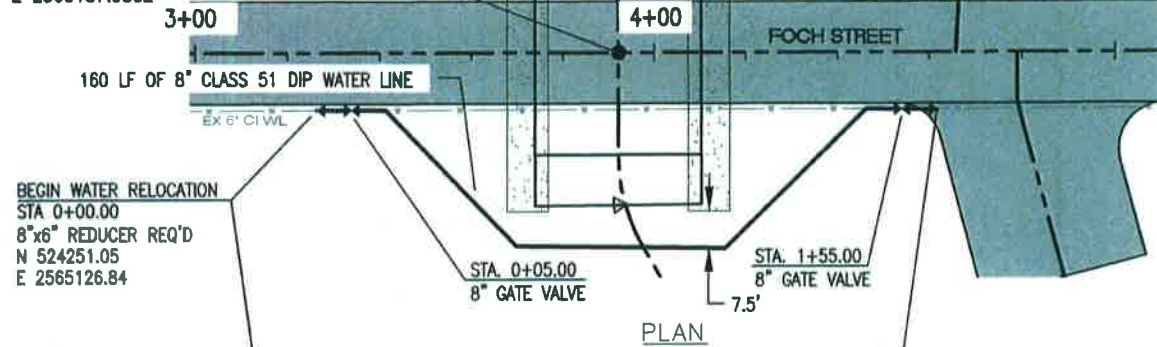
FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
TEMPORARY CREEK DAM FOR
GRAVITY SANITARY SEWER DETAIL

FIGURE

I-2

NOTE:
WATERLINE TO BE CONSTRUCTED IN PHASES BETWEEN
CREEK DIVERSION TO MINIMIZE IMPACT TO CREEK. SEE
PERMIT APPLICATION FOR ADDITIONAL DETAILS

FOCH STREET STA. 3+92.15
SUPER-COR BOX CULVERT
N 524223.5939
E 2565187.9852



WATER LINE RELOCATION LAYOUT



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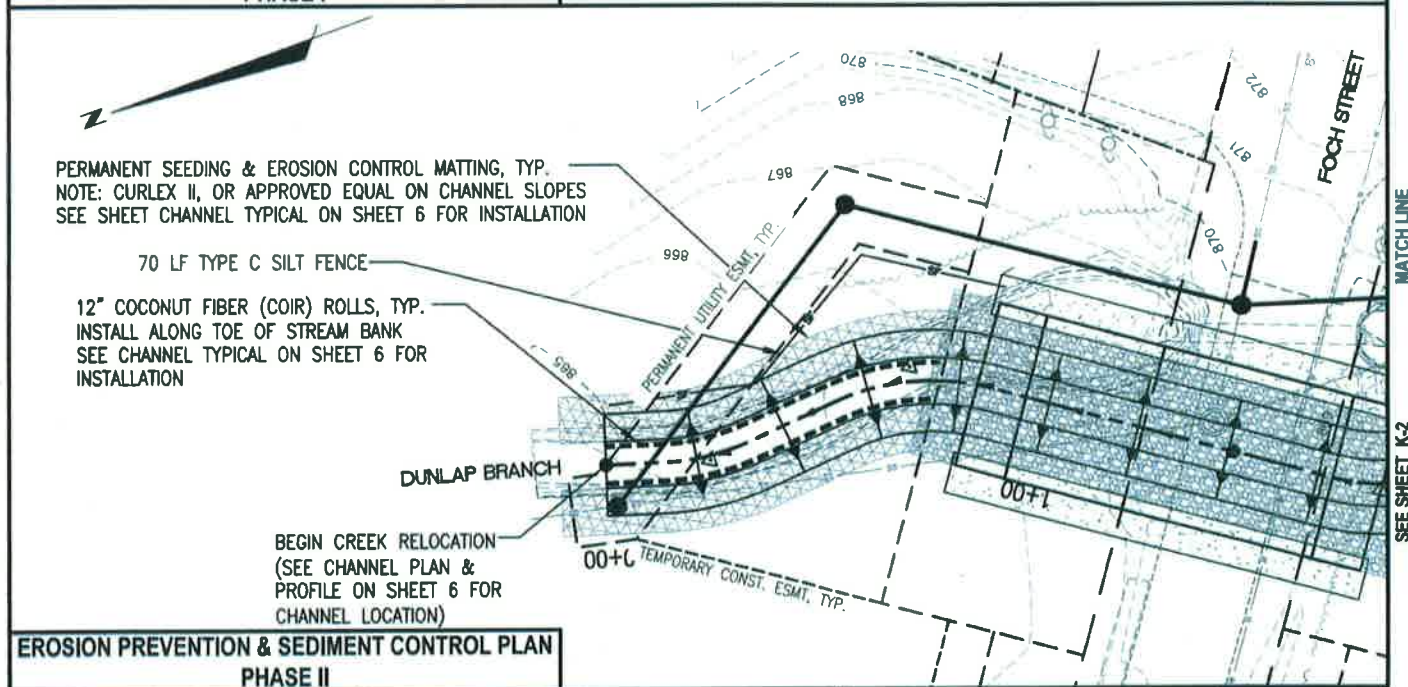
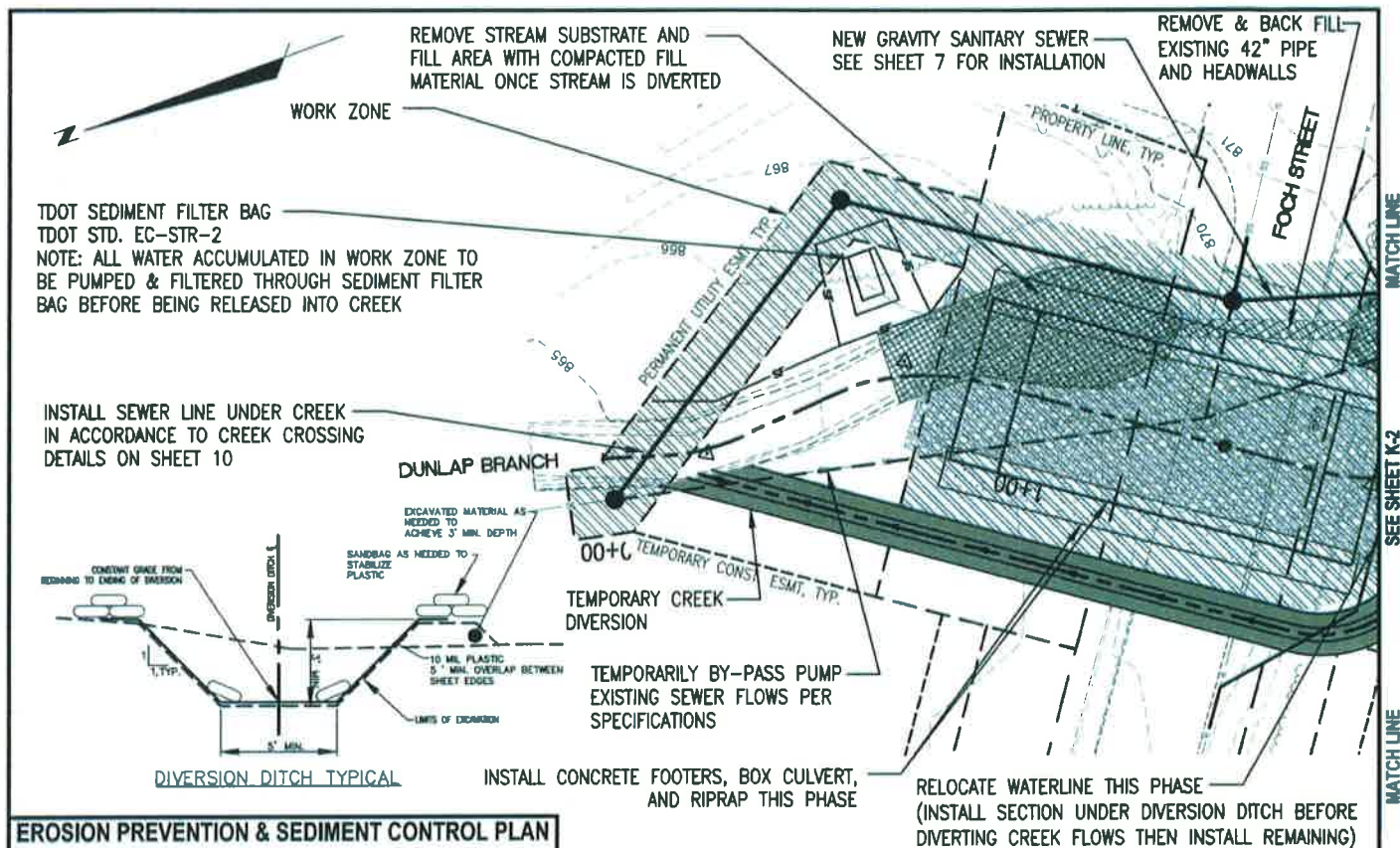


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FOCH STREET
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WATER LINE RELOCATION
PLAN & PROFILE

FIGURE

J



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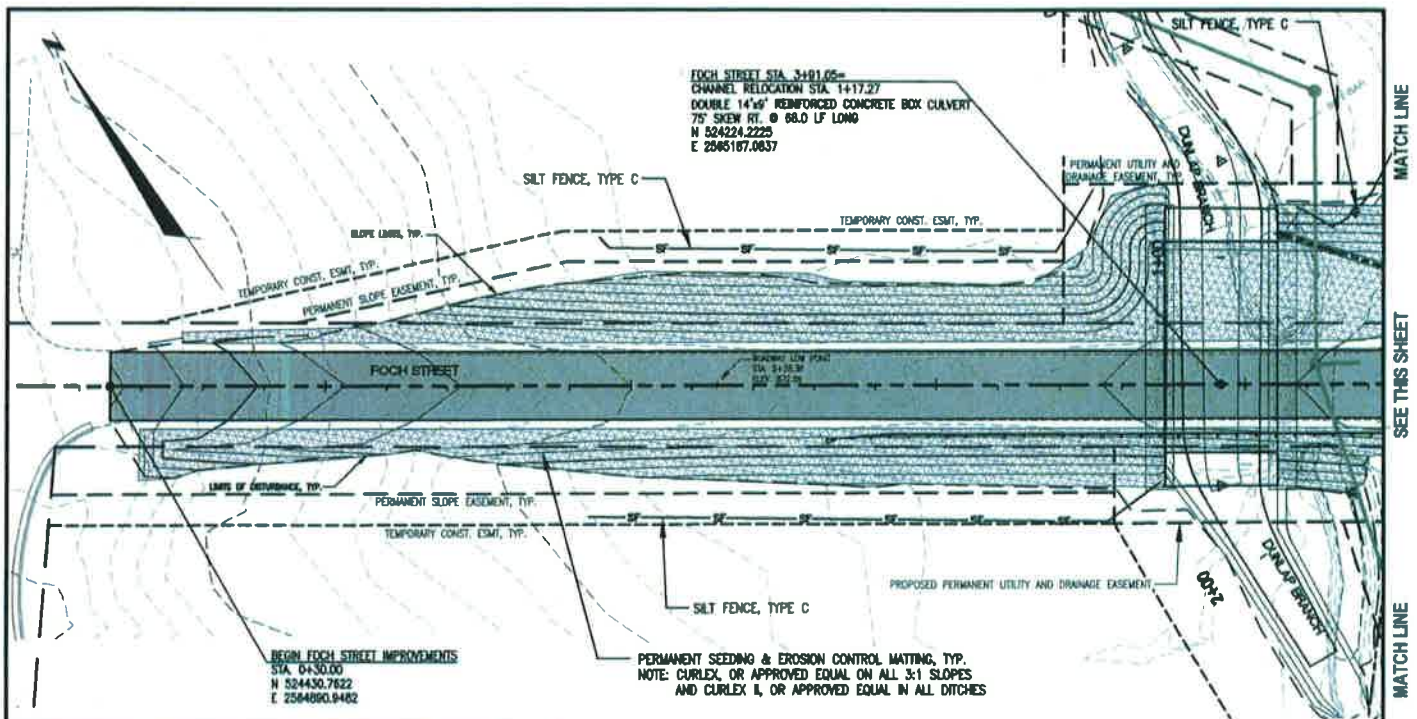


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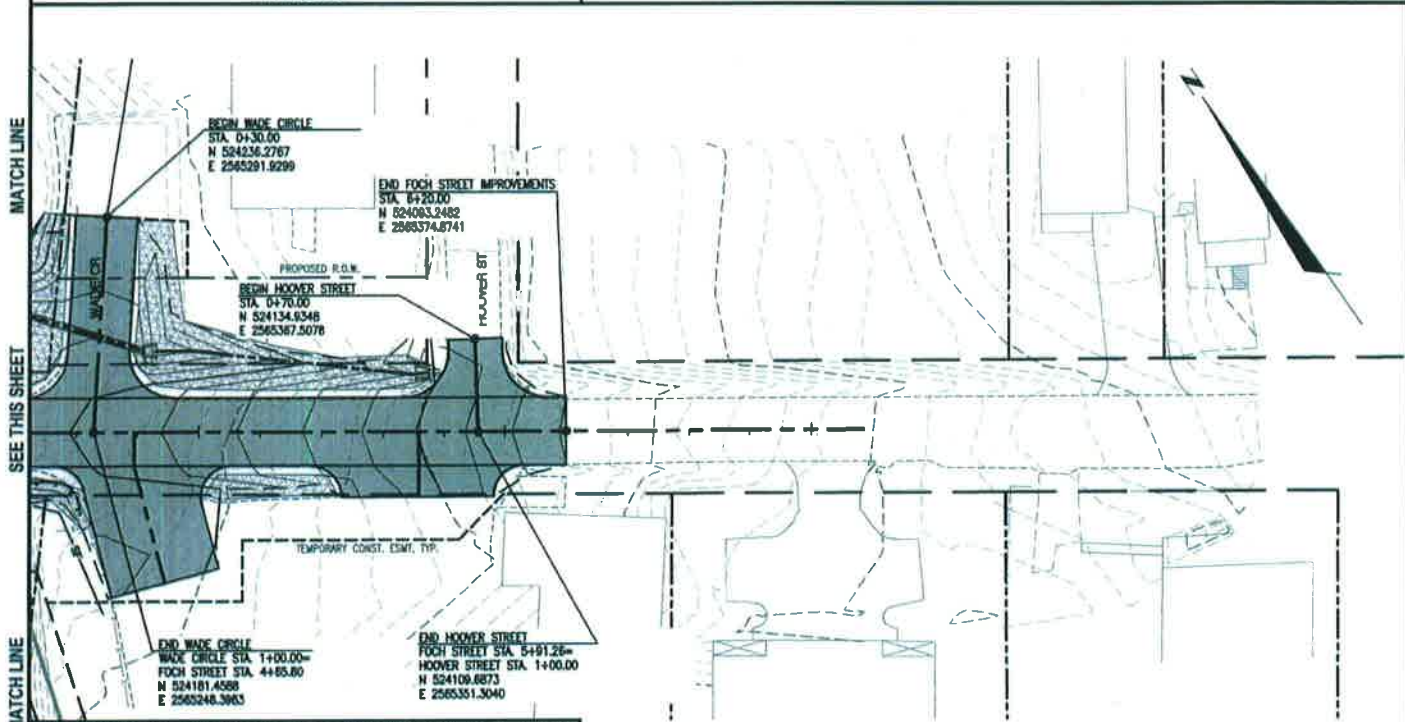


FOCH STREET
ROADWAY & DRAINAGE IMPROVEMENTS
EROSION PREVENTION AND SEDIMENT
CONTROL PLANS (SHEET 1 OF 3)

FIGURE
K-1



EROSION PREVENTION & SEDIMENT CONTROL PLAN PHASE III



EROSION PREVENTION & SEDIMENT CONTROL PLAN PHASE III



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FOCH STREET
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 EROSION PREVENTION AND SEDIMENT
 CONTROL PLANS (SHEET 3 OF 3)

FIGURE

K-3

6.3 Photographs of the resource(s) proposed for alteration with location description (photo location should be located on map)



Photo 1- Existing channel of Dunlap Branch and location of channel relocation. View facing northwest.



Photo 2- Existing channel of Dunlap Branch North of Foch St. View facing downstream.



Photo 3- Stream Relocation area North of Foch St. View facing northeast.



Photo 4- Location of Utility Crossing No. 2; 12 inch PVC Gravity Sanitary Sewer. View facing northeast.



Photo 5- Location of existing channel of Dunlap Branch South of Foch St. View facing South.



Photo 6- Location of Utility Crossing No. 1. 6 inch Water line with 8 inch Ductile Iron Pipe. View Facing West.



Photo 7-Stream relocation area South of Foch St. View facing North.



Photo 8- Existing channel of Dunlap Branch South of Foch St. View facing Northeast.